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Notice of Allowability	Application No.		Applicant(s)	
	10/687,283		HOMER ANTONIADIS	
	Examiner		Art Unit	
	Minh D. A		2821	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/26/07.
2. ☒ The allowed claim(s) is/are 33-40, 44-50 and 54-66.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
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SHIH-CHAO CHEN
PRIMARY EXAMINER

Allowable Subject Matter

1. Claims 33-40, 44-50, 54-66 are allowed.
2. The following is an examiner's statement of reasons for allowance:

Prior art does not teach that, wherein the light source includes a plurality of separately addressable active segments said first electrode and second electrode and each said segment has a length significantly greater than its width; a driver circuit electrically connected to said segments, wherein said each segment is individually controllable by said driver circuit such that the chromaticity of light output from said light source is selectable by mixing different intensities of emitted light of the segments recited in independent claim 33.

Prior art does not teach that, the light source including a plurality of separately addressable active segments, said segments comprising RGB lines, the light source also including a controller for selectively driving each segment such that the chromaticity of light output from said light source is selectable by mixing different intensities of emitted light of the segments, the method comprising: inputting color information to said controller; and driving individually said segments according to said input color information such that the output light from said light source correlates to said input color information, wherein each segment has a length significantly greater than its width recited in independent claim 54.

Prior art does not teach that, a plurality of independently addressable light segments, each segment of said plurality of segments electrically isolated from one another such that an electrical short in one segment of said plurality of segments does

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not short any other light segment; and a controller capable of driving said plurality of independently addressable light segments such that the chromaticity of light output from said light source is selectable by mixing different intensities of emitted light of the segments, wherein each segment has a length significantly greater than its width recited in independent claim 59.

Prior art does not teach that, a first electrode formed on the substrate, comprising indium tin oxide or a conducting polymer, wherein a metal bus line is connected to the first electrode; an organic electroluminescent active layer formed on said first electrode; a second electrode on the electroluminescent active layer, wherein the first electrode, electroluminescent active layer and second electrode form an individually addressable segment, the first electrode and second electrode are aligned in one direction and the segment has a length greater than its width; and a driver circuit electrically connected to the segment, wherein the segment is controllable by the driver circuit so that the chromaticity of light output from the light source is selectable recited in independent claim 64.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Waiters et al (US 5,895,986) and Yamashita et al. (US 6,087,776) are cited to show a lighting control system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Minh A whose telephone number is (571) 272-1817. The examiner can normally be reached on M-F (5:30 AM -2:30 PM).

If attempts to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Owens Douglas W can be reached on (571) 272-1662. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and (703) 872-9319 for final communications.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (571) 272-1553.

Examiner

Minh A

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9/14/07


SHIH-CHAO CHEN
PRIMARY EXAMINER